

# TARGET SHEET

REDACTED VERSION

**SITE NAME:** NON SITE SPECIFIC

**CERCLIS I.D.:** NONSITESPECI

**TITLE OF DOC.:** [REDACTED] [DOCUMENTS FOR R6-TX-00246 - SHELL  
CHEMICAL PLANT DEER PARK, TEXAS]

**DATE OF DOC.:** 07/22/1999

**NO. OF PGS. THIS TARGET SHEET REPLACES:** 275

**SDMS #:** 9795723 **RELATED #:** 9647117

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**ALTERN. MEDIA ?** ☐ **CROSS REFERENCE ?** ☐

**LAB DOCUMENT ?** ☐ **LAB NAME:**

**ASC./BOX #:**

**CASE #:**  **SDG #:**

**COMMENTS :** PAGES 1-275 WERE NON-RESPONSIVE AND REDACTED AS  
AGREED TO BY THE REQUESTER, PER DOC ID 9795726.

**SHELL DEER PARK REFINING COMPANY  
SHELL DEER PARK CHEMICAL PLANT  
OIL POLLUTION ACT 1990  
FACILITY RESPONSE PLAN  
RESPONSE MANUAL**

**REVISED November  
2006**

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**ISSUE NO. \_\_\_\_\_**

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## **6. HAZARD EVALUATION**

### **(ii) VULNERABILITY ANALYSIS**

#### **1. Calculation of Planning Distance**

**SDPRC/SDPCP is located adjacent to the Houston Ship Channel. The Houston Ship Channel is a tidal-influenced waterway (except during heavy rains, and this it exhibits some moving water flow characteristics).**

**For the planning distance calculation, the Tidal-Influenced Water calculation will be used.**

**Since Shell SDPRC/SDPCP contains both persistent and non-persistent oils, the larger planning distance will be used.**

**For persistent oils, the planning distance is 15 miles down current during ebb tide and to the point of maximum tidal influence or 15 miles, whichever is less, during flood tide.**

**For non-persistent oils, the planning distance is 5 miles down current during ebb tide and to the point of maximum tidal influence or 5 miles, whichever is less, during flood tide.**

**For the Houston Ship Channel, the point of maximum tidal influence is the Houston Turning Basin, which is approximately 12 miles from the Shell Deer Park facility.**

**Since the planning distance for persistent oils is larger, the planning distance is 15 miles down current during ebb tide and to the **Houston Turning Basin** during flood tide.**

## **b.6. HAZARD EVALUATION**

### **(ii) VULNERABILITY ANALYSIS**

#### **1. Calculation of Planning Distance**

SDPRC/SDPCP is located adjacent to the Houston Ship Channel. The Houston Ship Channel is a tidal-influenced waterway (except during heavy rains, and this it exhibits some moving water flow characteristics).

For the planning distance calculation, the Tidal-Influenced Water calculation will be used.

Since Shell SDPRC/SDPCP contains both persistent and non-persistent oils, the larger planning distance will be used.

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For non-persistent oils, the planning distance is 5 miles down current during ebb tide and to the point of maximum tidal influence or 5 miles, whichever is less, during flood tide.

For the Houston Ship Channel, the point of maximum tidal influence is the Houston Turning Basin, which is approximately 12 miles from the Shell Deer Park facility.

Since the planning distance for persistent oils is larger, the planning distance is **15 miles down current during ebb tide and to the Houston Turning Basin during flood tide.**

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**NO. OF PGS. THIS TARGET SHEET REPLACES:** 268

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